

Figure 1

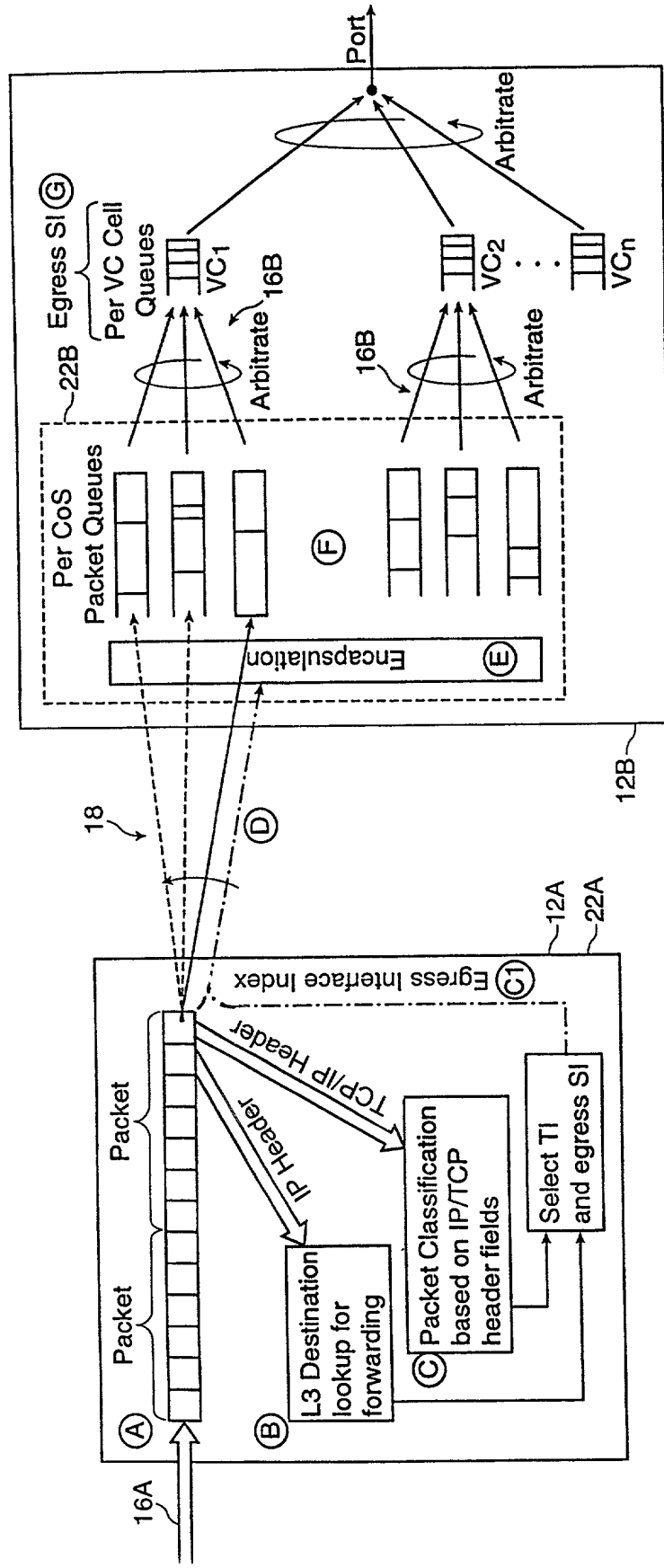


Figure 2

Addr Prefix	Next hop Router ID	Egress Interface Index List
1.2.3.4	B	

Diagram illustrating a table structure (75) for FEC Z. The table has three columns: Addr Prefix, Next hop Router ID, and Egress Interface Index List. The table contains five rows. The first four rows are empty. The fifth row contains the value '1.2.3.4' in the Addr Prefix column, 'B' in the Next hop Router ID column, and a shaded box in the Egress Interface Index List column. The sixth row is empty. Labels 75a, 75b, 75c, 75d, 75, and 76 point to various parts of the table.

Figure 6

IP Address	Egress Interface Index
1.2.3.4	

Diagram 30 shows a table with two columns: "IP Address" and "Egress Interface Index". The table has six rows. The fourth row's "IP Address" cell contains the value "1.2.3.4". The fourth row's "Egress Interface Index" cell is shaded with diagonal lines. An arrow labeled "FEC" points to the fourth row, and an arrow labeled "Z" points to the "IP Address" column. A label "76" points to the shaded cell in the fourth row.

Figure 3

Fig. 4

Parameter	Description	Default	NMTI	SNMP	NCI	CLI
ID number	A identification number assigned for this SI; unique within a subslot. This value is internally assigned and cannot be changed. This is 5 digit number field.	None	R	-	-	-
Endpoint	The ATM endpoint (shelf-slot-subslot-port; VPI/VCI) used by the SI.	None	R/W	-	-	-
Name	Name of the SI. This is 16 character text string field	Empty	R/W	-	-	-
Application	Application(s) provided by this SI. This is a boolean vector (i.e. bit map) indicating whether each of forwarding, routing and LDP is enabled.	Forward	R/W	-	-	-
Address type	Type of the IP address field. Valid type supported are unnumbered and IPv4.	Un-numbered	R/W	-	-	-
IP address	The IP address of the service interface. Represented to the user in standard "dotted decimal" format. "Illegal" IP addresses (e.g. 0.0.0.0, 255.255.255.255) are blocked.	Un-assigned	R/W	-	-	-
IP address prefix length	Number of bits in the IP address which constitute the (sub)network ID. A number in the range of 0..32.	None	R/W	-	-	-
Neighbour address type	Type of the neighbour IP address field. Valid type supported are unnumbered and IPv4.	Un-numbered	R/W	-	-	-
Neighbour IP address	The IP address used at the termination of the SI at the neighbouring router. Represented to the user in standard "dotted decimal" format. "Illegal" IP addresses (e.g. 0.0.0.0, 255.255.255.255) are blocked.	Un-assigned	R/W	-	-	-
Encapsulation	Encapsulation used on the SI. (RFC1483 LLC/SNAP routed IP, RFC1483 NULL)	RFC1483 NULL	R/W	-	-	-
MTU	Maximum Transmission Unit.	2016 octets	R	-	-	-
Ingress traffic contracts	An ingress traffic contract structure consists of an action (disable, tag, discard), a committed information rate (in b/s) and a burst size (in bytes). Eight ingress traffic contract structures are contained in each SI; each applies to a CoS.	disable CIR 0 BS 0	R/W	-	-	-
Status	Status of the service interface. (Up, Down).	Down	R	-	-	-

Service Interface Parameters

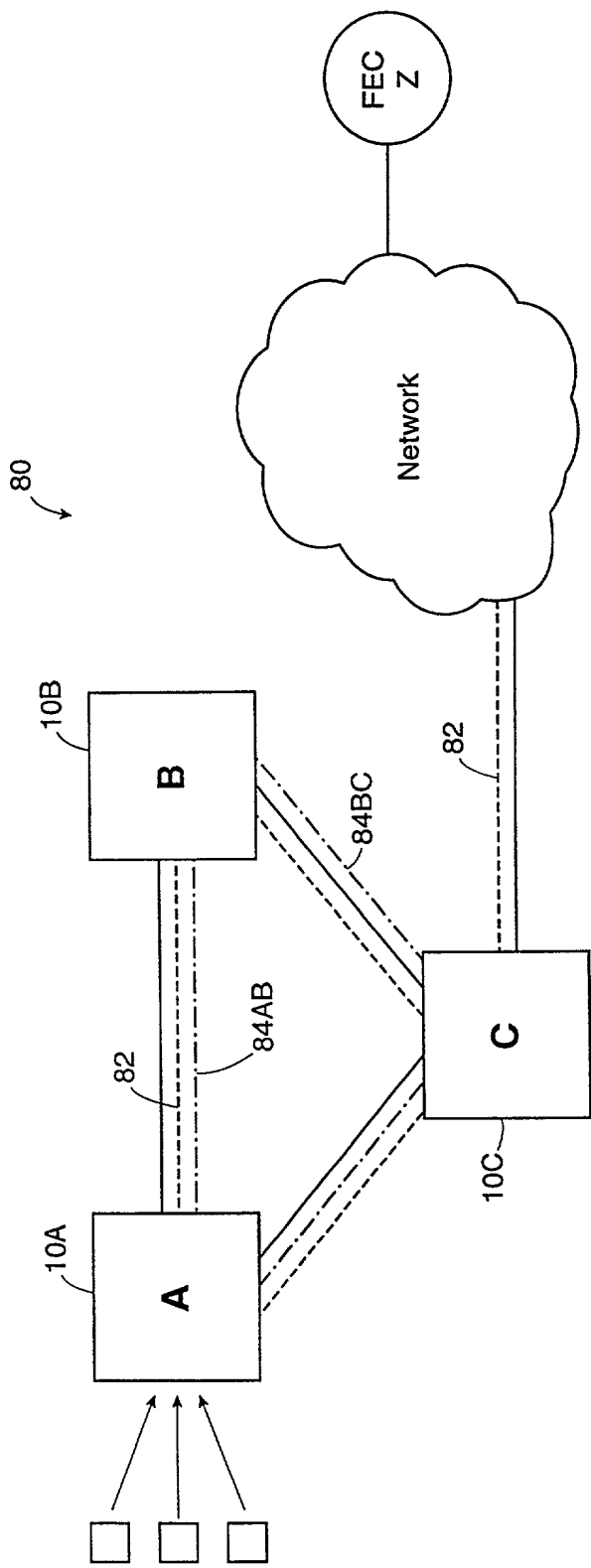


Figure 7

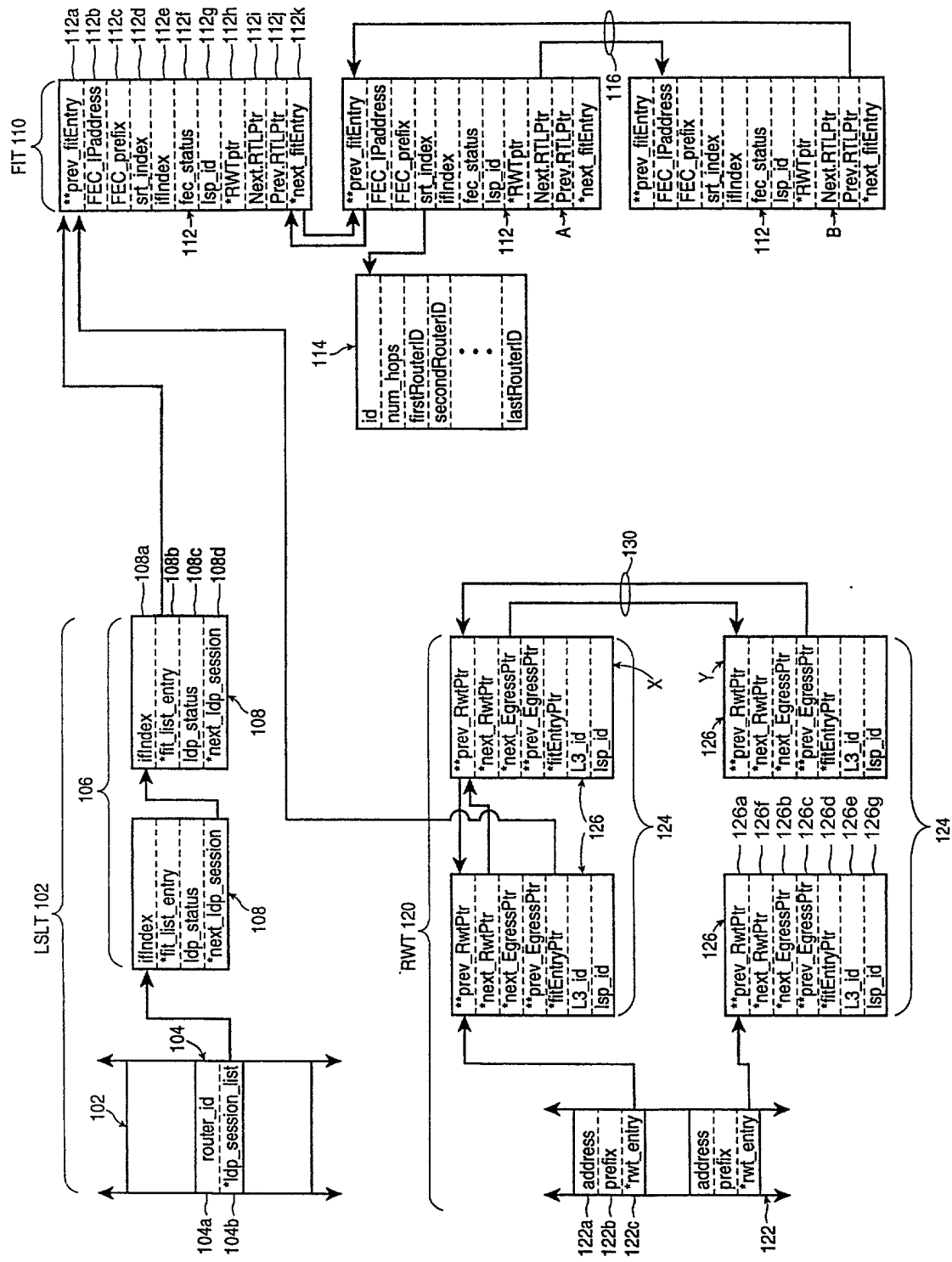


Figure 8

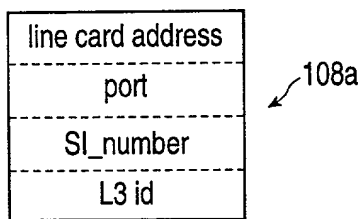


Figure 8A

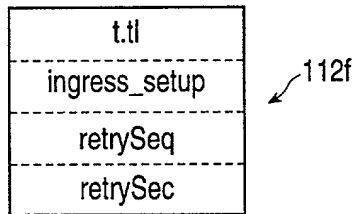


Figure 8B

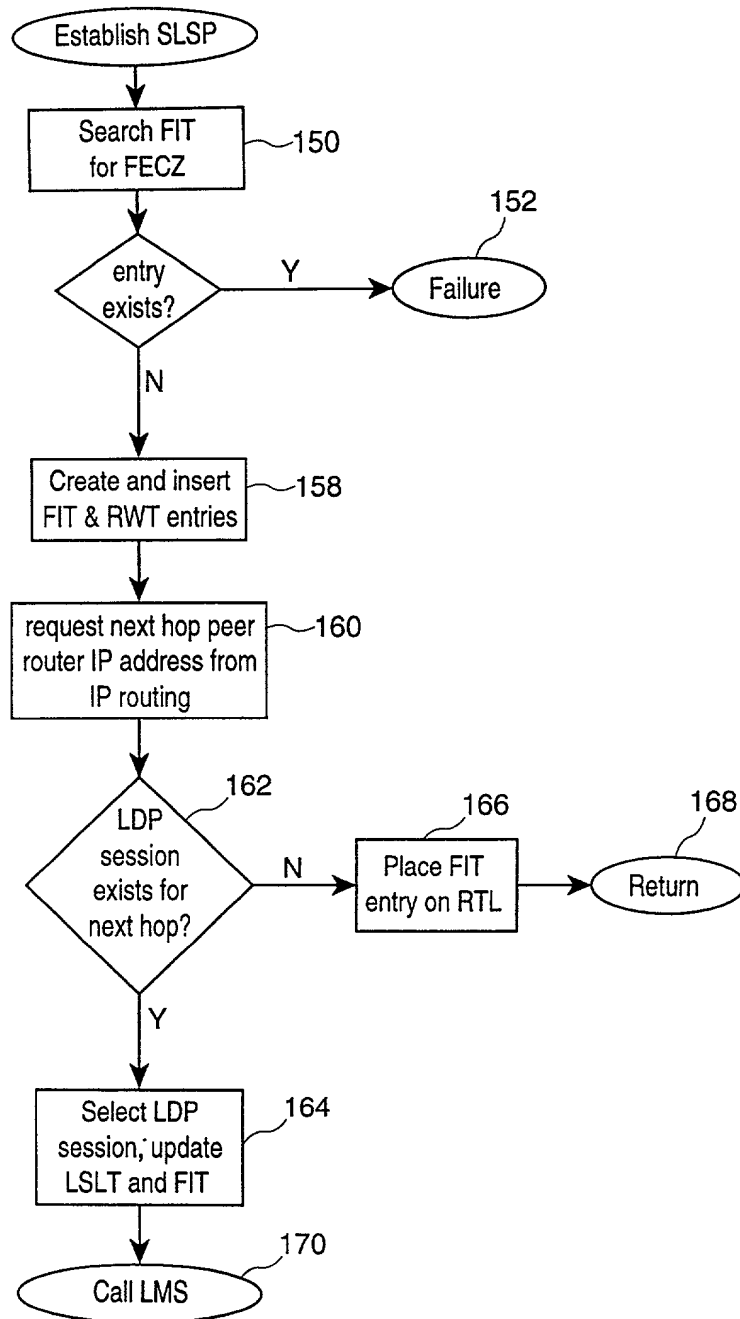


Figure 9

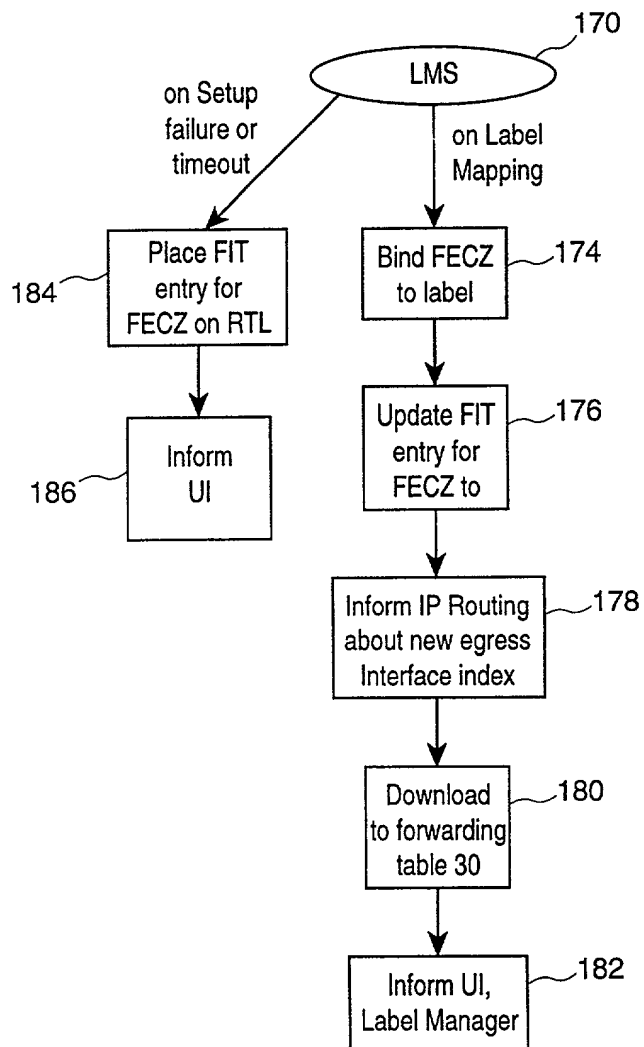


Figure 10

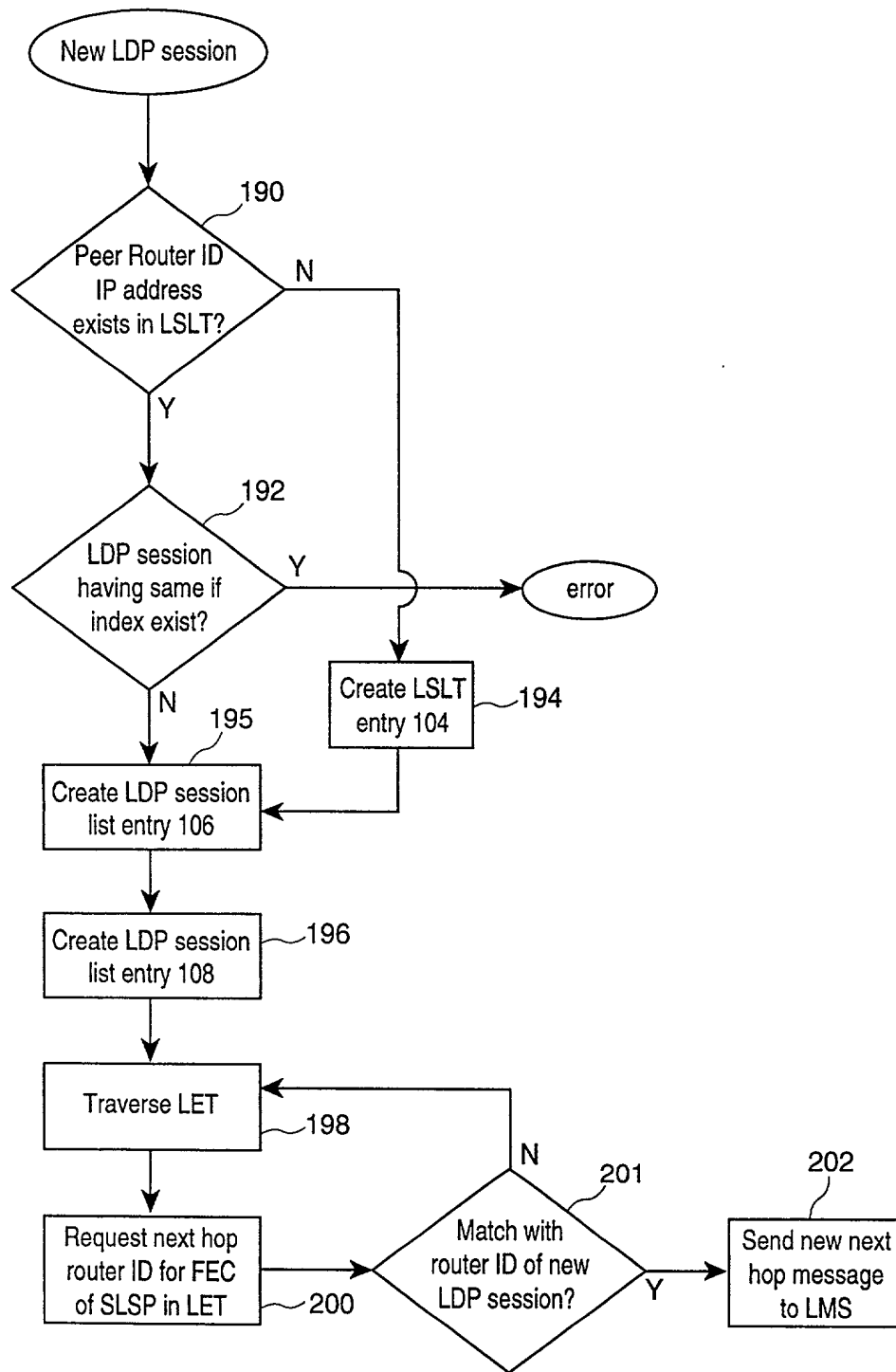


Figure 11